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Patent  
Attorney Docket No. 82577  
Customer No. 23685

TRANSMITTAL LETTER

Inventors: Harald Hoepfner et al.

Serial No: 10/590,091

Filed: 8-21-06

Group Art Unit: 3722

For: METHOD FOR THE PRODUCTION OF A BOOK-TYPE SECURITY DOCUMENT AND A  
BOOK-TYPE SECURITY DOCUMENT

Confirmation Number: 4155

Examiner: Unknown

Batch No:

Notice of Allowance:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith for the above-identified patent application are the following:

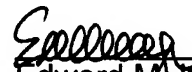
An English Translation of the International Preliminary Report on Patentability  
A return postcard

The item(s) checked below are appropriate:

1.    Applicant(s) hereby petition(s) for a ( ) month extension of time to respond to an  
dated

2.   X   Please charge any fees or costs not accounted for to Deposit Account No. 11-  
1755.

Date: October 2, 2007

  
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14. Feb. 2007

Miammei & Maser  
Frist: Not:

TRANSLATION

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY  
(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference <b>54514</b>	FOR FURTHER ACTION	See Form PCT/IPEA/416
International application No. <b>PCT/EP2005/001110</b>	International filing date (day/month/year) <b>04.02.2005</b>	Priority date (day/month/year) <b>20.02.2004</b>
International Patent Classification (IPC) or national classification and IPC <b>B42D15/10</b>		
Applicant <b>BUNDESDRUCKEREI GMBH</b>		

1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of \_\_\_\_\_ sheets, including this cover sheet.

3. This report is also accompanied by ANNEXES, comprising:

a. ☒ (sent to the applicant and to the International Bureau) a total of 1 sheets, as follows:

☒ sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).

☐ sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.

b. ☐ (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) \_\_\_\_\_, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).

4. This report contains indications relating to the following items:

☒ Box No. I Basis of the report

☐ Box No. II Priority

☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

☐ Box No. IV Lack of unity of invention

☒ Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability: citations and explanations supporting such statement

☐ Box No. VI Certain documents cited

☐ Box No. VII Certain defects in the international application

☐ Box No. VIII Certain observations on the international application

Date of submission of the demand	Date of completion of this report
Name and mailing address of the IPEA/EP	Authorized officer
Facsimile No.	Telephone No.

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/EP2005/001110

Box No. I

Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language \_\_\_\_\_ which is the language of a translation furnished for the purposes of:
- ☐ international search (Rule 12.3 and 23.1(b))
- ☐ publication of the international application (Rule 12.4)
- ☐ international preliminary examination (Rule 55.2 and/or 55.3)
2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:
- ☐ the international application as originally filed/furnished
- ☒ the description:
- pages 1-19 \_\_\_\_\_ as originally filed/furnished
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☒ the claims:
- nos. 2-25 \_\_\_\_\_ as originally filed/furnished
- nos.\* \_\_\_\_\_ as amended (together with any statement) under Article 19
- nos.\* 1 \_\_\_\_\_ received by this Authority on 22.11.2005 with letter of 21.11.2005
- nos.\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☒ the drawings:
- sheets 1/6-6/6 \_\_\_\_\_ as originally filed/furnished
- sheets\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- sheets\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (specify): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (specify): \_\_\_\_\_
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (specify): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (specify): \_\_\_\_\_

\* If item 4 applies, some or all of those sheets may be marked "superseded."

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/EP2005/001110

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;  
citations and explanations supporting such statement

## 1. Statement

Novelty (N)	Claims	1-25	YES
	Claims		NO
Inventive step (IS)	Claims	10-13, 15-20	YES
	Claims	1-9, 14, 21-25	NO
Industrial applicability (IA)	Claims	1-25	YES
	Claims		NO

## 2. Citations and explanations (Rule 70.7)

1) Reference is made to the following documents:

D1: EP 1 008 459 A (ENSCHDE/SDU B.V) 14 June 2000  
(2000-06-14)

D2: US 3 601 913 A (MICHAEL D. POLLOCK) 31 August 1971  
(1971-08-31)

1.1) D3 was not cited in the international search report.  
A copy of said document is enclosed.

D3: US 3566521 A (LAWRENCE A. CONNER) 2 March 1967  
(1967-3-2)

2) The present application does not meet the requirements  
of PCT Article 33(1) because the subject matter of claim  
1 does not involve an inventive step within the meaning  
of PCT Article 33(3).

D1 is considered to be the prior art closest to the  
subject matter of claim 1. It discloses (the references  
between parentheses relate to said document):

a method for producing a book-type security document  
having at least one security cambric (column 2, line 2)  
and at least one transponder unit (column 1, line 57 -  
column 2, line 1), in which at least one laminate layer

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/EP2005/001110

Box No. V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;  
citations and explanations supporting such statement

(1) is applied to at least one side of the at least one security cambric and to one side of the at least one transponder unit;

chip cards having a transponder unit (D1, column 1, line 57 - column 2, line 1) are used, with the inventive binding from D1 (column 2, lines 26-29), for binding into a book-type security document.

The subject matter of claim 1 thus differs from that disclosed in D1 by virtue of the fact that the at least one security cambric and the at least one transponder unit are completely enclosed by the laminate layers and a closed edge which is encircled by the laminate layers is formed, and by virtue of the fact that a laminate layer sheath is formed.

The problem of the invention is to provide mechanical protection for the security cambric and the transponder unit.

The solution proposed in claim 1 of the present application cannot be considered to be inventive (PCT Article 33(3)) for the following reasons:

D3 (column 3, lines 22-25) produces a laminate layer sheath (having four sides of edge welding) for a card for mechanical protection.

Therefore, a person skilled in the art would combine all of the features disclosed in D1 and D3 in order to solve the problem of interest, without thereby being inventive. Therefore, the solution proposed in independent claim 1

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/EP2005/001110

Box No. V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;  
citations and explanations supporting such statement

D3 (column 3, lines 22-25) produces a laminate layer sheath (having four sides of edge welding) for a card for mechanical protection.

Therefore, a person skilled in the art would combine all of the features disclosed in D1 and D3 in order to solve the problem of interest, without thereby being inventive. Therefore, the solution proposed in independent claim 22 cannot be considered to be inventive (PCT Article 33(3)).

4) Dependent claims 2-9, 14, 21 and 23-25 do not appear to be inventive either (PCT Article 33(3)).

5) Dependent claims 10-13 and 15-20 appear to be novel and inventive (PCT Article 33(3)).